Operator Preventive Maintenance Checks and Services

6530-01-327-0686
Ventilator, Volume, Portable, Model 750M

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B, D, A	**Ventilator**	
		a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.	Missing components or accessories prevent the operation of the ventilator.
		b. Inspect hoses, fittings, and regulators for cracks, crimps, leakage, discoloration, damaged connector fittings, or general wear.	Unserviceable components prevent safe use of ventilator.
		c. Verify that the Verification/Certification sticker (DD Form 2163) has a current date.	The unit has not been verified within the last six (6) months.
2	S	**Case**	
		Inspect for wear, loose or missing hardware, and cracks.	The unserviceable case prevents protective storage or movement.
3	B, A	**Ventilator Operational Test**	
		Ensure that the unit is properly assembled, by performing the unpacking and assembly procedures in the manufacturer's literature.	The unit cannot be assembled.
		a. Multivoltage power supply	
		(1) Check the power supply for worn, cracked, or exposed electrical wires and connectors as directed by the manufacturer's literature.	The unit does not operate, or an electrical hazard exists.
		(2) Verify that the “External Power” indicator lamp illuminates when using an external power source as directed by the manufacturer's literature.	The multivoltage power supply is inoperable.
		b. Patient valve	
		Check for cracks, leakage, discoloration, and general wear as directed by the manufacturer's literature.	The patient valve is inoperable, malfunctioning, or endangers the patient.
		c. Control module	
		(1) Check for tactile feel and operation of all controls as directed by the manufacturer's literature.	Any control is inoperable.
		(2) Verify completion of self-test as directed by the manufacturer's literature.	Any portion of the self-test fails or aborts.
		(3) Verify transducer calibration as directed by the manufacturer's literature.	Transducer fails calibration test.

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ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
		(4) Verify the “Modes of Operation” as directed by the manufacturer's literature.	Ventilator fails to operate in any mode of operation.
		(a) Verify the “Control Ventilation – With/Without SIGH – With/Without PEEP” as directed by the manufacturer's literature.	
		(b) Verify the “Assist-Control Ventilation – With/Without SIGH – With/Without PEEP” as directed by the manufacturer's literature.	
		(c) Verify the “Synchronized intermittent mandatory ventilation (SIMV) – With/Without SIGH – With/Without PEEP” as directed by the manufacturer's literature.	
		(d) Verify the “Assist-Control Backup During Apnea – With/Without SIGH – With/Without PEEP” as directed by the manufacturer's literature.	
		d. Battery	
		(1) Test the control module for proper operation using the internal battery as directed by the manufacturer's literature.	The discharged battery causes an alarm condition.
		(2) Check for a battery alarm condition as directed by the manufacturer's literature.	The discharged battery causes an alarm condition.